

FORM PTO-1449

SEP 22 2003

ATTY. DOCKET NO.  
24601-416SERIAL NO.  
09/815,979CONFIRM NO.  
7635LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
de Jong et al.CUSTOMER NO.  
24961FILING DATE  
March 22, 2001GROUP  
1636

SEP 29 2003

TECH CENTER 1603-2503

\* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120, 37 C.F.R. § 1.98(d).

+ Derwent English language abstract and/or English translation provided.

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
DB	A	5	3	3	4	7	6	1	08/02/94	Gebeyehu et al.	564	197	08/28/92

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DB	B	Albertsen et al., "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents", <i>PNAS</i> , <u>87</u> :4256-4260 (1990)
	C	Alvaro-Gracia et al., "Cytokines in Chronic Inflammatory Arthritis. V. Mutual Antagonism between Interferon-Gamma and Tumor Necrosis Factor-Alpha on HLA-DR Expression, Proliferation, Collagenase Production, and Granulocyte Macrophage Colony-stimulating Factor Production by Rheumatoid Arthritis Synoviocytes", <i>J. Clin. Invest.</i> , <u>86</u> :1790-1798 (1990)
	D	Aupperle et al., "NF- $\kappa$ B Regulation by I $\kappa$ B Kinase in Primary "Fibroblast-Like Synoviocytes", <i>J. Immunol.</i> , <u>163</u> :427-433 (1999)
	E	Brown et al., "Artificial chromosomes: ideal vectors?", <i>TIBTech</i> , <u>18</u> :218-223 (2000)
	F	Cavazzana-Calvo et al., "Gene Therapy of Human Severe Combined Immunodeficiency (SCID)-X1 Disease", <i>Science</i> , <u>288</u> :669-672 (2000)
	G	Cocchia et al., "Recovery and potential utility of YACs as circular YACs/BACs", <i>Nucl. Acids Res.</i> , <u>28</u> (17):e81 i-viii (2000)
DB	H	Dausset et al., "The CEPH YAC Library", <i>Behring Inst. Mitt.</i> , <u>91</u> :13-20 (1992)

EXAMINER

DATE CONSIDERED

11/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: METHODS FOR DELIVERING NUCLEICACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

FORM PTO-1449 SEP 22 2003 PATENT OFFICE	ATTY. DOCKET NO. 24601-416	SERIAL NO. 09/815,979	CONFIRM NO. 7635
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT de Jong et al.	CUSTOMER NO. 24961	
	FILING DATE March 22, 2001	GROUP 1636	

\* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 1100/2900

+ Derwent English language abstract and/or English translation provided.

### OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

I	de Jong <i>et al.</i> , "Efficient <i>in-vitro</i> transfer of a 60-Mb mammalian artificial chromosome into murine and hamster cells using cationic lipids and dendrimers", <i>Chromosome Res.</i> , 9:475-485 (2001)
J	deJong <i>et al.</i> , "Mammalian Artificial Chromosome Pilot Production Facility: Large-Scale Isolation of Functional Satellite DNA-Based Artificial Chromosomes", <i>Cytometry</i> , 35:129-133 (1999)
K	Foecking <i>et al.</i> , "Powerful and versatile enhancer-promoter unit for mammalian expression vectors", <i>Gene</i> , 45:101-105 (1986)
L	Giraldo <i>et al.</i> , "Size matters: use of YACs, BACs and PACs in transgenic animals", <i>Transgenic Res.</i> , 10:83-103 (2001)
M	Han <i>et al.</i> , "Development of Biomaterials for Gene Therapy", <i>Mol. Therapy</i> , 2(4):302-317 (2000)
N	Hem <i>et al.</i> , "Saphenous vein puncture for blood sampling of the mouse, rat, hamster, gerbil, guineapig, ferret and mink", <i>Laboratory Animals</i> , 32:364-368 (1998)
O	Jacobovits <i>et al.</i> , "Germ-line transmission and expression of a human-derived yeast artificial chromosome", <i>Nature</i> , 362:255-258 (1993)
P	Kong <i>et al.</i> , "Activated T cells regulate bone loss and joint destruction in adjuvant arthritis through osteoprotegerin ligand", <i>Nature</i> , 402:304-309 (1999)
Q	Lange-Gustafson <i>et al.</i> , "Purification and Properties of Int-h, a Variant Protein Involved in Site-specific Recombination of Bacteriophage $\lambda$ ", <i>J. Biol. Chem.</i> , 259(20):12724-12732 (1984)
R	Larin <i>et al.</i> , "A method for linking yeast artificial chromosomes", <i>Nucl. Acid Res.</i> , 24(21):4192-4196 (1996)
S	Libert <i>et al.</i> , "Construction of a Bovine Genomic Library of Large Yeast Artificial Chromosome Clones", <i>Genomics</i> , 18:270-276 (1993)
T	Lorbach <i>et al.</i> , "Site-specific Recombination in Human Cells Catalyzed by Phage $\lambda$ Integrase Mutants", <i>J. Mol. Biol.</i> , 296:1175-1181 (2000)
U	Lowry, R., "Two-Factor ANOVA with Repeated Measures on One Factor", <a href="http://faculty.vassar.edu/lowry/anova2corr.html">http://faculty.vassar.edu/lowry/anova2corr.html</a> (2000)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: METHODS FOR DELIVERING NUCLEICACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

FORM PTO-1449 SEP 22 2003

ATTY. DOCKET NO.  
24601-416SERIAL NO.  
09/815,979CONFIRM NO.  
7635LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
de Jong et al.CUSTOMER NO.  
24961FILING DATE  
March 22, 2001GROUP  
1636

RECEIVED

SEP 29 2003

\* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120, 37 C.F.R. § 1.98(d).

TECH CENTER 1600/2900

+ Derwent English language abstract and/or English translation provided.

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	V	Luo <i>et al.</i> , "Synthetic DNA delivery systems", <i>Nature Biotechnol.</i> , <u>18</u> :33-37 (2000)
	W	Marschall <i>et al.</i> , "Transfer of YACs up to 2.3 Mb intact into human cells with polyethylenimine", <i>Gene Therapy</i> , <u>6</u> :1634-1637 (1999)
	X	Miller <i>et al.</i> , "int-h: an <i>int</i> Mutation of Phage $\lambda$ That Enhances Site-Specific Recombination", <i>Cell</i> , <u>20</u> :721-729 (1980)
	Y	Mountain <i>et al.</i> , "Gene therapy: the first decade", <i>TIBTECH</i> , <u>18</u> :119-128 (2000)
	Z	NCBI Nucleotide, Gene Bank Accession No. NC001416
	AA	Osborne <i>et al.</i> , "Gene therapy for long-term expression of erythropoietin in rats", <i>Proc. Natl. Acad. Sci. USA</i> , <u>92</u> :8055-8058 (1995)
	AB	Palmieri <i>et al.</i> , "Construction of a pilot human YAC library in a recombination-defective yeast strain", <i>Gene</i> , <u>188</u> :169-174 (1997)
	AC	Schedl <i>et al.</i> , "A method for the generation of YAC transgenic mice by pronuclear microinjection", <i>Nucl. Acid Res.</i> , <u>21</u> :4783-4787 (1993)
	AD	Shen <i>et al.</i> , "A structurally defined mini-chromosome vector for the mouse germ line", <i>Current Biology</i> , <u>10</u> :31-34 (2000)
	AE	Sigma Catalog, Biochemicals and Regents for Life Science Research, Molecular Biology, pp. 221, 227, 275, 363, 411, 543, 576, 909 (1998)
	AF	Stocum <i>et al.</i> , "Regenerative biology: A millennial revolution", <i>Cell and Devel. Biol.</i> , <u>10</u> :433-440 (1999)
	AG	Stocum <i>et al.</i> , "Regenerative biology and engineering: strategies for tissue restoration", <i>Wound Rep. Reg.</i> , <u>6</u> :276-290 (1998)
	AH	Takeda <i>et al.</i> , "Construction of a bovine yeast artificial chromosome (YAC) library", <i>Animal Genetics</i> , <u>29</u> :216-219 (1998)
<input checked="" type="checkbox"/>	AI	Tao <i>et al.</i> , "Cloning and stable maintenance of DNA fragments over 300 kb in <i>Escherichia coli</i> with conventional plasmid-based vectors", <i>Nucl. Acids Res.</i> , <u>26</u> (21):4901-4909 (1998)

EXAMINER

DATE CONSIDERED

11/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: METHODS FOR DELIVERING NUCLEIC ACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF

FORM PTO-1449

SEP 22 2003

ATTY. DOCKET NO.  
24601-416SERIAL NO.  
09/815,979CONFIRM NO.  
7635LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
de Jong et al.CUSTOMER NO.  
24961FILING DATE  
March 22, 2001GROUP  
1636

\* If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

+ Derwent English language abstract and/or English translation provided.

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	Toye <i>et al.</i> , "A yeast artificial chromosome (YAC) library containing 10 haploid chicken genome equivalents", <i>Mammalian Genome</i> , <u>8</u> :274-276 (1997)
	AK	Tsonis <i>et al.</i> , "Regeneration in Vertebrates", <i>Devel. Biol.</i> , <u>221</u> :273-284 (2000)
	AL	Uherek <i>et al.</i> , "DNA-carrier proteins for targeted gene delivery", <i>Adv. Drug Delivery Reviews</i> , <u>44</u> :153-166 (2000)
	AM	Urlaub <i>et al.</i> , "Effect of Gamma Rays at the Dihydrofolate Reductase Locus: Deletions and Inversions", <i>Somatic Cell and Mol. Genetics</i> , <u>12(6)</u> :555-566 (1986)
	AN	Wada <i>et al.</i> , "Chimeric YACs were generated at unreduced rates in conditions that suppress coligation", <i>Nucl. Acids Res.</i> , <u>2(9)</u> :1651-1654 (1994)
	AO	Zhong <i>et al.</i> , "Zebrafish Genomic Library in Yeast Artificial Chromosomes", <i>Genomics</i> , <u>48</u> :136-138 (1998)

EXAMINER

DATE CONSIDERED

11/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: METHODS FOR DELIVERING NUCLEICACID MOLECULES INTO CELLS AND ASSESSMENT THEREOF